

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	8	("4433604") or ("4812996") or ("5187776") or ("5675778") or ("5792971") or ("6140809") or ("6513004") or ("20020147595")).PN.	US-PGPUB; USPAT	OR	OFF	2005/10/03 14:25
L4	2	((5027410") or ("4920508")).PN.	USPAT; USOCR	OR	OFF	2005/10/03 15:12
L5	94	(381/316).CCLS.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/03 15:12
S1	1	("4536844").PN.	USPAT; USOCR	OR	OFF	2005/01/27 16:36
S2	17	"4536844".URPN.	USPAT	OR	OFF	2004/10/04 17:39
S3	2	((5473759") or ("5536844")).PN.	USPAT; USOCR	OR	OFF	2003/10/09 09:54
S4	2	((4473759") or ("5536844")).PN.	USPAT; USOCR	OR	OFF	2003/10/06 12:51
S5	1	("4536844").PN.	USPAT; USOCR	OR	OFF	2005/10/03 14:54
S6	1	("4471196").PN.	USPAT; USOCR	OR	OFF	2003/10/06 12:54
S7	1	("4771196").PN.	USPAT; USOCR	OR	OFF	2003/10/06 13:06
S8	3	digital near2 cochle\$2 near2 model	USPAT; EPO; JPO	OR	OFF	2004/05/05 09:17
S9	0	(audio near2 process\$3) same (sequen\$2 near2 digital near2 filte\$2)	USPAT; EPO; JPO	OR	OFF	2003/10/06 13:08
S10	5	(cochle\$2 near2 model) near5 digital	USPAT; EPO; JPO	OR	OFF	2003/10/06 13:21
S11	3	lyon.in. and (cochlear)	USPAT; EPO; JPO	OR	OFF	2003/10/08 12:33
S12	0	"interval research corporation".AS. and (cochlear)	USPAT; EPO; JPO	OR	OFF	2003/10/06 13:13
S13	91	"interval research corporation".AS.	USPAT; EPO; JPO	OR	OFF	2004/02/04 12:39
S14	0	watts.in. and (cochlear)	USPAT; EPO; JPO	OR	OFF	2003/10/06 13:21
S15	36	cochle\$2 near2 model	USPAT; EPO; JPO	OR	OFF	2003/10/06 13:30
S16	0	(filter near2 bank near2 cascade) same cochlea\$1	USPAT; EPO; JPO	OR	OFF	2003/10/06 14:05
S17	24	(filter near2 bank) same cochlea\$1	USPAT; EPO; JPO	OR	OFF	2003/10/06 13:46

S18	.12	"5331222".URPN.	USPAT	OR	OFF	2003/10/06 13:35
S19	5	cochlear near2 filter near2 bank	USPAT; EPO; JPO	OR	OFF	2003/10/06 14:43
S20	84	(filter near2 bank) same (select\$2 near2 frequen\$4)	USPAT; EPO; JPO	OR	OFF	2003/10/06 14:00
S21	6	("3671889" "3855556" "4763089" "4970479" "5428814" "5515017").PN.	USPAT	OR	OFF	2003/10/06 13:52
S22	7	"5515017".URPN.	USPAT	OR	OFF	2003/10/06 13:52
S23	7	"5515017".URPN.	USPAT	OR	OFF	2003/10/06 13:53
S24	0	(filter near2 bank near2 cascade) same octave\$1	USPAT; EPO; JPO	OR	OFF	2004/05/05 09:19
S25	0	cochlear near5 model%3	USPAT; EPO; JPO	OR	OFF	2003/10/06 14:44
S26	40	cochlear near5 model\$3	USPAT; EPO; JPO	OR	OFF	2004/02/04 14:33
S27	5	cochlea\$1 near2 filter near2 bank	USPAT; EPO; JPO	OR	OFF	2003/10/08 14:12
S28	0	cochlea\$1 near5 model%3	USPAT; EPO; JPO	OR	OFF	2003/10/06 14:44
S29	1	("5502663").PN.	USPAT; USOCR	OR	OFF	2003/10/08 12:26
S30	1	"5502663".URPN.	USPAT	OR	OFF	2003/10/08 12:26
S31	8	("4146931" "4185325" "4337518" "4356559" "4803647" "5031132" "5170369" "5315621").PN.	USPAT	OR	OFF	2003/10/08 12:26
S32	1	lyon.in. and (filter same cascade)	USPAT; EPO; JPO	OR	OFF	2003/10/08 12:47
S33	0	(audio near2 process\$3) same (filter near2 bank) same cochlea\$1	USPAT; EPO; JPO	OR	OFF	2003/10/08 12:48
S34	2	(audio near2 process\$3) same (filter near2 bank) same ear	USPAT; EPO; JPO	OR	OFF	2003/10/08 12:48
S35	36	(audio near2 process\$3) same (filter near2 bank)	USPAT; EPO; JPO	OR	OFF	2003/10/08 12:50
S36	2	(cochlear near3 implant) same (filter near2 bank)	USPAT; EPO; JPO	OR	OFF	2003/10/08 13:00
S37	0	(cochlear near3 implant) same (filter near3 cascade)	USPAT; EPO; JPO	OR	OFF	2003/10/08 13:02
S38	331	cochlear near3 implant	USPAT; EPO; JPO	OR	OFF	2003/10/08 13:29
S39	10	("5411467" "5498226" "5772575" "5906635" "5913815" "6216040" "6259951" "6272382" "6275596" "6308101").PN.	USPAT	OR	OFF	2003/10/08 13:04

S40	0	(filter near2 configur\$2 near3 process\$3) same (more near2 frequen\$2)	USPAT; EPO; JPO	OR	OFF	2003/10/08 13:31
S41	15	(filter near2 configur\$2 near3 process\$3) same (frequen\$4)	USPAT; EPO; JPO	OR	OFF	2003/10/08 13:32
S42	5	(filter near2 configur\$2 near3 process\$3) near3 (frequen\$4)	USPAT; EPO; JPO	OR	OFF	2003/10/08 13:56
S43	3247	frequen\$2 near2 select\$3 near3 filter\$1	USPAT; EPO; JPO	OR	OFF	2003/10/08 13:57
S44	35	(frequen\$2 near2 select\$3 near3 filter\$1) same (filter near2 bank)	USPAT; EPO; JPO	OR	OFF	2003/10/08 14:07
S45	15	(tuna\$3 near3 filter\$1) same (filter near2 bank)	USPAT; EPO; JPO	OR	OFF	2003/10/08 15:07
S46	4	audito\$2 near2 filter near2 bank	USPAT; EPO; JPO	OR	OFF	2003/10/08 14:12
S47	0	filte\$1 near2 shar\$3 near3 cooefficien\$4	USPAT; EPO; JPO	OR	OFF	2003/10/08 15:08
S48	20	filte\$1 near2 shar\$3 near3 coefficien\$4	USPAT; EPO; JPO	OR	OFF	2003/10/08 16:08
S49	57	filte\$1 same (coefficie\$4 near2 shar\$3)	USPAT; EPO; JPO	OR	OFF	2003/10/08 16:09
S50	4	("4967388" "5081604" "5262974" "6282184").PN.	USPAT	OR	OFF	2003/10/08 16:11
S51	2	("4038536" "5018202").PN.	USPAT	OR	OFF	2003/10/08 16:16
S52	72	(computer near2 program) same (process\$3 near2 audio)	USPAT; EPO; JPO	OR	OFF	2003/10/09 10:50
S53	0	(computer near2 program) same (process\$3 near2 audio) same (digital near2 filter\$1)	USPAT; EPO; JPO	OR	OFF	2003/10/09 09:38
S54	150	(381/320).CCLS.	USPAT; USOCR; EPO; JPO	OR	OFF	2003/10/09 10:35
S55	609	(381/312).CCLS.	USPAT; USOCR; EPO; JPO	OR	OFF	2003/10/09 10:17
S56	353	(381/61).CCLS.	USPAT; USOCR; EPO; JPO	OR	OFF	2003/10/09 10:18
S57	2	(("5502663") or ("5983139")).PN.	USPAT; USOCR; EPO; JPO	OR	OFF	2003/10/09 10:35
S58	2	(("6222930") or ("5604809")).PN.	USPAT; USOCR	OR	OFF	2003/10/09 10:51
S59	2	(("5983139") or ("5502663")).PN.	USPAT; USOCR	OR	OFF	2004/02/04 12:35

S60	10	filter\$1 same (first adj2 frequen\$2) near3 (secon\$1 adj2 frequen\$2) near3 (interv\$3 or perio\$2)	USPAT; EPO; JPO	OR	OFF	2004/02/04 11:44
S61	308	filter\$1 near3 (first adj2 frequen\$2) near3 (secon\$1 adj2 frequen\$2)	USPAT; EPO; JPO	OR	OFF	2004/02/04 11:44
S62	0	filter\$1 near3 process\$3 near3 (first adj2 frequen\$2) near3 (secon\$1 adj2 frequen\$2)	USPAT; EPO; JPO	OR	OFF	2004/02/04 11:44
S63	28	filter\$1 near3 process\$3 same (first adj2 frequen\$2) near3 (secon\$1 adj2 frequen\$2)	USPAT; EPO; JPO	OR	OFF	2004/02/04 12:11
S64	503	filter\$1 near3 octav\$2	USPAT; EPO; JPO	OR	OFF	2004/02/04 12:12
S65	42	filter\$1 near3 (frequenc\$3 near2 octav\$2)	USPAT; EPO; JPO	OR	OFF	2004/02/04 12:34
S66	147	(700/94).CCLS.	USPAT; USOCR; EPO; JPO	OR	OFF	2004/02/04 12:34
S67	71	(607/56).CCLS.	USPAT; USOCR; EPO; JPO	OR	OFF	2004/02/04 13:58
S68	1	"vulcan ventures".AS.	USPAT; EPO; JPO	OR	OFF	2004/02/04 12:38
S69	0	"applied neurosystems".AS.	USPAT; EPO; JPO	OR	OFF	2004/02/04 12:39
S70	0	"Applied Neurosystems".AS.	USPAT; EPO; JPO	OR	OFF	2004/02/04 12:39
S71	0	"interval research corporation".AS. and cochlear	USPAT; EPO; JPO	OR	OFF	2004/02/04 12:39
S72	1	"5983139".URPN.	USPAT	OR	OFF	2004/02/04 12:46
S73	8	("5012245" "5027306" "5323157" "5357252" "5408235" "5549658" "5601617" "5626629").PN.	USPAT	OR	OFF	2004/02/04 12:47
S74	4	("704"/\$).ccls. and programm\$5 near2 (subband or sub-band)	USPAT; EPO; JPO	OR	OFF	2004/02/04 17:04
S75	8	("5012245" "5027306" "5323157" "5357252" "5408235" "5549658" "5601617" "5626629").PN.	USPAT	OR	OFF	2004/02/04 14:06
S76	22	"5601617".URPN.	USPAT	OR	OFF	2004/02/04 14:08
S77	2	("704"/\$).ccls. and (subband or sub-band) same filter same octave	USPAT; EPO; JPO	OR	OFF	2004/02/04 14:23
S78	105	("704"/\$).ccls. and filter same octave	USPAT; EPO; JPO	OR	OFF	2004/02/04 15:19

S79	63	(filter adj2 bank\$1) same octave	USPAT; EPO; JPO	OR	OFF	2005/10/03 12:07
S80	25	(filter adj2 bank\$1) same cochlea\$1	USPAT; EPO; JPO	OR	OFF	2004/02/04 15:39
S81	12	"5331222".URPN.	USPAT	OR	OFF	2004/02/04 14:32
S82	1	cochlear near3 (model\$3 or implant) same octave	USPAT; EPO; JPO	OR	OFF	2004/02/04 14:34
S83	373	cochlear near3 (model\$3 or implant)	USPAT; EPO; JPO	OR	OFF	2004/02/04 14:34
S84	29	cochlear near3 (model\$3 or implant) same filt\$2	USPAT; EPO; JPO	OR	OFF	2004/02/04 14:57
S85	2	"6182103".URPN.	USPAT	OR	OFF	2004/02/04 14:35
S86	2	("5227991" "5731769").PN.	USPAT	OR	OFF	2004/02/04 14:35
S87	97	digita\$1 adj2 filt\$2 adj2 cascad\$2	USPAT; EPO; JPO	OR	OFF	2004/02/04 14:40
S88	1	"6161118".URPN.	USPAT	OR	OFF	2004/02/04 14:48
S89	8	("4872129" "4983966" "5043933" "5592517" "5689449" "5732002" "5880973" "5956494").PN.	USPAT	OR	OFF	2004/02/04 14:49
S90	1	("5502663").PN.	USPAT; USOCR	OR	OFF	2004/02/04 14:57
S91	1	"5502663".URPN.	USPAT	OR	OFF	2004/02/04 14:57
S92	8	("4146931" "4185325" "4337518" "4356559" "4803647" "5031132" "5170369" "5315621").PN.	USPAT	OR	OFF	2004/02/04 14:57
S93	113	lyon.in. and (filter)	USPAT; EPO; JPO	OR	OFF	2004/02/04 15:04
S94	4	lyon.in. and (filter) same cochle\$2	USPAT; EPO; JPO	OR	OFF	2004/02/04 15:07
S95	4	"5355329".URPN.	USPAT	OR	OFF	2004/02/04 15:07
S96	5	lyon.in. and cochle\$2	USPAT; EPO; JPO	OR	OFF	2004/02/04 15:16
S97	1	("4771196").PN.	USPAT; USOCR	OR	OFF	2004/02/04 15:17
S98	9	"4771196".URPN.	USPAT	OR	OFF	2004/02/04 15:17
S99	22	("704"/\$).ccls. and (filter adj2 bank) same octave	USPAT; EPO; JPO	OR	OFF	2004/02/04 16:24
S100	7	"5615302".URPN.	USPAT	OR	OFF	2004/02/04 15:22
S101	64	("704"/\$).ccls. and (filter adj2 casca\$2)	USPAT; EPO; JPO	OR	OFF	2004/02/04 15:23
S102	7	"5383145".URPN.	USPAT	OR	OFF	2004/02/04 15:36

S10 3	3	("4893264" "5081604" "5252932").PN.	USPAT	OR	OFF	2004/02/04 15:36
S10 4	66	(filter adj2 bank\$1) same cascade	USPAT; EPO; JPO	OR	OFF	2004/02/04 16:08
S10 5	378	(filter adj2 bank\$1) same bandpass	USPAT; EPO; JPO	OR	OFF	2004/02/04 16:08
S10 6	15	(filter adj2 bank\$1) same bandpass same octave	USPAT; EPO; JPO	OR	OFF	2004/02/04 16:08
S10 7	39	("3234544" "3298019" "3582947" "3678507" "3750142" "4210903" "4243974" "4366349" "4390756" "4393275" "4425481" "4441202" "4536844" "4545065" "4548082" "4590459" "4596902" "4685042" "4689819" "4701958" "4739511" "4792977" "4829270" "4868880" "5027306" "5099856" "5103230" "5126743" "5233665" "5241310" "5247581" "5276739" "5303346" "5317640" "5387875" "5448644" "5495242" "5500902" "5553152").PN.	USPAT	OR	OFF	2004/02/04 16:10
S10 8	0	programm\$5 near2 (subband or sub-band) near3 filter\$1	USPAT; EPO; JPO	OR	OFF	2004/02/04 16:24
S10 9	6	programm\$5 near5 (subband or sub-band) near3 filter\$1	USPAT; EPO; JPO	OR	OFF	2004/02/04 16:24
S11 0	45	("704"/\$).ccls. and (sampli\$2 near2 rate) near3 lowe\$1	USPAT; EPO; JPO	OR	OFF	2004/02/04 16:25
S11 1	43	cascad\$2 near2 (filter adj2 bank\$1)	USPAT; EPO; JPO	OR	OFF	2004/02/04 16:33
S11 2	697	("704"/\$).ccls. and filter adj2 bank	USPAT; EPO; JPO	OR	OFF	2004/02/04 16:42
S11 3	1	("5331222").PN.	USPAT; USOCR	OR	OFF	2004/02/04 16:51
S11 4	0	("cochlear\$1 same bandpass same cascade").PN.	USPAT; USOCR; EPO; JPO	OR	OFF	2004/02/04 16:51
S11 5	1	cochlear\$1 same bandpass same cascade	USPAT; EPO; JPO	OR	OFF	2004/02/04 17:02
S11 6	5	cochlear\$1 same bandpass same parallel\$2	USPAT; EPO; JPO	OR	OFF	2004/02/04 17:03
S11 7	1	cochlear\$1 same bandpass same cascad\$2	USPAT; EPO; JPO	OR	OFF	2004/02/04 17:03

S11 8	0	cochlear\$1 same BPF same cascad\$2	USPAT; EPO; JPO	OR	OFF	2004/02/04 17:03
S11 9	169	bandpass near3 cascad\$2	USPAT; EPO; JPO	OR	OFF	2004/02/04 17:04
S12 0	6	("704"/\$).ccls. and bandpass same cascade	USPAT; EPO; JPO	OR	OFF	2004/02/04 17:35
S12 1	21	(filter near3 sampl\$3 near2 first) same (second near3 frequen\$2 near3 sampli\$2)	USPAT; EPO; JPO	OR	OFF	2004/02/04 17:47
S12 2	16	(time adj2 vary\$3 adj2 filter) same (sampli\$2 adj2 rat\$2)	USPAT; EPO; JPO	OR	OFF	2004/02/04 17:52
S12 3	705	(time) adj2 (vary\$3 or invari\$3) near3 filt\$2	USPAT; EPO; JPO	OR	OFF	2004/02/05 12:18
S12 4	23	(time) adj2 (vary\$3 or invari\$3) near3 filt\$2 same audio	USPAT; EPO; JPO	OR	OFF	2004/02/05 12:38
S12 5	24	(time) adj2 (vary\$3 or vari\$3) near3 filt\$2 same audio	USPAT; EPO; JPO	OR	OFF	2004/02/05 13:27
S12 6	19	(filter adj2 coeffici\$6) near2 represent\$2 near3 bi\$2	USPAT; EPO; JPO	OR	OFF	2004/02/05 13:27
S12 7	2	("4536844") or ("6137349").PN.	USPAT; USOCR	OR	OFF	2004/05/05 09:18
S12 8	2	(digital near2 filte\$2) same octav\$2 same downsampl\$3	USPAT; EPO; JPO	OR	OFF	2004/05/05 10:58
S12 9	7	(filte\$2) same octav\$2 same downsampl\$3	USPAT; EPO; JPO	OR	OFF	2004/05/05 10:04
S13 0	3	(filte\$2) same (octav\$2 near2 group)	USPAT; EPO; JPO	OR	OFF	2004/05/05 10:05
S13 1	3	(filte\$2) same (octav\$2 near2 group)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/05/05 10:05
S13 2	0	("704.200.1").PN.	USPAT; USOCR; EPO; JPO	OR	OFF	2004/05/05 10:58
S13 3	176	(704/200.1).CCLS.	USPAT; USOCR; EPO; JPO	OR	OFF	2004/05/05 10:58
S13 4	2	(704/200.1).ccls. and masking same octav\$2	USPAT; EPO; JPO	OR	OFF	2004/05/05 10:59
S13 5	131	(704/200.1).ccls. and masking	USPAT; EPO; JPO	OR	OFF	2004/05/05 11:03
S13 6	38	cochlea\$1 and (filter near2 ban\$2) and octave	USPAT; EPO; JPO	OR	OFF	2004/05/05 11:04
S13 7	6	cochlear and (filter near2 banks) and octave	USPAT; EPO; JPO	OR	OFF	2004/05/05 11:04

S13 8	6	cochlear and (filter near2 banks) and octave	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2004/05/05 11:04
S13 9	6	(cochlear and (filter near2 banks)) and octave	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/25 15:44
S14 0	9	(("20030169891") or ("20020116196") or ("20020057808") or ("6289247") or ("6219580") or ("6070140") or ("5737719") or ("4858612") or ("4532930")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2004/05/05 11:19
S14 1	8	("20030169891" "20020116196" "20020057808" "6289247" "6219580" "6070140" "5737719" "4858612" "4532930") and cochlea\$1 and (filter near2 bank) and octave	US-PGPUB; USPAT	OR	OFF	2004/05/05 11:20
S14 2	0	(filter near2 banks) and octave same (half adj2 wave adj2 rectifier)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/05 11:41
S14 3	0	(filter near2 banks) same (half adj2 wave adj2 rectifier)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/05 11:41
S14 4	3	(filter near2 bank) same (half adj2 wave adj2 rectifier)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/05 12:31
S14 5	3	(filter near3 bank) same (half adj2 wave adj2 rectifier)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/05 12:33
S14 6	10	(filter near3 bank) and (half adj2 wave adj2 rectifier)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/05 12:44
S14 7	225	(absolute near2 value) and (half adj2 wave adj2 rectifier)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/05 12:44

S14 8	49	(absolute near2 value) same (half adj2 wave adj2 rectifier)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/05 12:44
S14 9	2	(absolute adj2 value) near3 (half adj2 wave adj2 rectifier)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/05 12:45
S15 0	49	(absolute adj2 value) same (half adj2 wave adj2 rectifier)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/05 12:45
S15 1	0	cochlear and (filter near2 banks) and octave and (state adj2 variabl\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/25 15:46
S15 2	0	cochle\$2 and (filter near2 banks) and octave and (state adj2 variabl\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/25 15:46
S15 3	2	(filter near2 banks) and octave and (state adj2 variabl\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/25 15:47
S15 4	70	(filt\$3) and octave and (state adj2 variabl\$2)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2004/05/27 13:02
S15 5	11	"4934770".URPN.	USPAT	OR	OFF	2004/05/25 15:53
S15 6	15	("3927279" "4099035" "4119814" "4354064" "4366349" "4405831" "4409435" "4415866" "4484345" "4490691" "4508940" "4517415" "4535471" "4596902" "4630305").PN.	USPAT	OR	OFF	2004/05/25 15:54
S15 7	1	("4792977").PN.	USPAT; USOCR	OR	OFF	2004/10/04 17:25
S15 8	25	"4792977".URPN.	USPAT	OR	OFF	2004/10/04 17:24
S15 9	10	"4340854".URPN.	USPAT	OR	OFF	2004/09/10 10:50

S16 0	1	("5027410").PN.	USPAT; USOCR	OR	OFF	2005/04/13 11:50
S16 2	1	("6137349").PN.	USPAT; USOCR	OR	OFF	2005/01/27 16:36
S16 3	0	("10" adj2 octaves) with ("60" adj2 filters)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/04 09:46
S16 4	0	("10" adj2 octaves) same ("60" adj2 filters)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/04 09:46
S16 5	0	(octave adj2 groups) same filters same gain	USPAT	OR	OFF	2005/04/12 18:35
S16 6	1	(octave adj2 groups) same filters same gain	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/12 15:06
S16 7	0	(octave adj2 groups) same filters same (shar\$3 adj2 coefficien\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/12 15:06
S16 8	9	(octave adj2 groups) same filters	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/12 15:08
S16 9	5	(octave adj2 group) same filters	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/12 15:09
S17 0	109	filter adj3 (group or bank) same octave	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/12 15:25
S17 1	6	plurality adj2 octave adj2 filters	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/12 15:29
S17 3	51	(3-pin or (three adj2 pin)) with (IC or (integrated adj2 circuit))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/12 16:07
S17 4	0	(auditory adj2 model\$3) same (octave adj2 filter)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/12 16:08
S17 5	11	(auditory or hearing) same (octave adj2 filter)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/12 16:11

S17 6	10	(ear) same (octave adj2 filter)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/12 16:11
S17 7	0	(cascaded adj2 filter adj2 bank) same octave	USPAT	OR	OFF	2005/04/14 11:34
S17 8	0	(cascaded adj2 filter adj2 bank) same octave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/12 18:30
S17 9	0	(cascade adj2 filter adj2 bank) same octave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/12 18:30
S18 0	2	cascad\$2 same (filter adj2 bank) same octave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/12 18:33
S18 1	11	("4615007").URPN.	USPAT	OR	OFF	2005/04/12 18:32
S18 2	87	(filter adj2 bank) same octave	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/12 18:33
S18 3	3	(filter adj2 bank) same octave same downsampl\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/04/12 18:33
S18 4	18	(octave adj2 filters) same gain	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/12 18:48
S18 5	1	filter with (shares or sharing) with coefficients with (second adj2 filter)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/13 12:02
S18 6	0	(cascaded with filter with group) same octave	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/13 11:18
S18 7	69	(cascaded with filter with group)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/13 11:18
S18 8	1	(cascaded with filter with group) same (hearing or audio)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/13 11:19

S18 9	0	(cascaded with filter with group) same (ear)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/13 11:19
S19 0	3	(cascaded with filters) same (ear)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/13 11:19
S19 1	10	("5473759").URPN.	USPAT	OR	OFF	2005/04/13 11:20
S19 2	10	("5473759").URPN.	USPAT	OR	OFF	2005/04/13 11:23
S19 3	18	("4536844").URPN.	USPAT	OR	OFF	2005/04/13 11:32
S19 4	6	("5402493").URPN.	USPAT	OR	OFF	2005/04/13 11:35
S19 5	116	filter with (using) with coefficients with (second adj2 filter)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/13 11:52
S19 6	1	filter with (similar or unvaried) with coefficients with (second adj2 filter)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/13 11:53
S19 7	52	filter with (shares or sharing) with coefficients	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/14 11:25
S19 8	0	filters with (using adj2 one adj2 set adj2 coefficients)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/13 12:06
S19 9	139	filters with one with set with coefficients	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/13 12:07
S20 0	5	filters adj3 one adj3 set adj3 coefficients	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/13 12:07
S20 1	0	704/200.1,500-504,219,229,230. ccls. and (plurality adj2 filterbanks) same (coefficients with correspond\$3 with (section or sections))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:30
S20 2	0	704/200.1,500-504,219,229,230. ccls. and (plurality adj2 filterbanks) same (coefficients with correspond\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:25

S20 3	0	704/200.1,500-504,219,229,230. ccls. and (plurality adj2 filterbanks) and (coefficients with correspond\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:25
S20 4	0	704/200.1,500-504,219,229,230. ccls. and (plurality adj2 filterbanks) same (sharing adj2 coefficients)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:26
S20 5	0	704/200.1,500-504,219,229,230. ccls. and (plurality adj2 filterbanks) same (coefficients)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:26
S20 6	0	704/200.1,500-504,219,229,230. ccls. and (plurality adj2 filter adj2 banks) same (coefficients)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:26
S20 7	0	(704/200.1,500-504,219,229, 230).ccls. and (plurality adj2 filter adj2 banks) same (coefficients)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:26
S20 8	3	704/200.1,500-504,219,229,230. ccls. and (plurality adj2 filterbanks)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:58
S20 9	0	(plurality adj2 filterbanks) same (sharing adj2 coefficients)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:27
S21 0	0	(plurality adj2 filterbanks) same (coefficients)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:27
S21 1	0	704/200.1,500-504,219,229,230. ccls. and (filterbanks) same (coefficients with correspond\$3 with (section or sections))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:27
S21 2	0	704/200.1,500-504,219,229,230. ccls. and (filterbanks) same (coefficients with correspond\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:27
S21 3	0	"704"/\$.ccls. and (plurality adj2 filterbanks) same (coefficients with correspond\$3 with (section or sections))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:27
S21 4	3	"704"/\$.ccls. and (plurality adj2 filterbanks)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:28
S21 5	8	704/200.1,500-504,219,229,230. ccls. and (filterbanks) same (coefficients)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:34
S21 6	10	"704"/\$.ccls. and (filterbanks) same (coefficients)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:35
S21 7	23	(filterbanks) same (coefficients)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:41

S21 8	32	(octaves) same (coefficients)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 10:06
S21 9	48	(octaves) same (sequential)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:44
S22 0	4	(octaves) same (sequential) same filters	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:44
S22 1	0	(octaves) same (sequential) same coefficients	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:44
S22 2	48	(octaves) same (sequential)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:52
S22 3	0	(sequential adj2 filterbanks)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:53
S22 4	0	(sequential same filterbanks)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:53
S22 5	4	704/200.1,500-504,219,229,230. ccls. and (plurality near2 filterbanks)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:58
S22 6	0	704/200.1,500-504,219,229,230. ccls. and (coefficients near3 corresponding)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:58
S22 7	1	704/200.1,500-504,219,229,230. ccls. and (sharing near2 coefficients)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 09:59
S22 8	27	(sharing near2 coefficients)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 10:31
S22 9	196	(octaves) same (filters)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 10:06
S23 0	69	sharing near2 (coefficients or taps or weights)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 10:15
S23 1	0	mapping with coefficients with filterbanks	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 10:15
S23 2	0	mapping same coefficients same filterbanks	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 10:15

S23 3	20	("4550414" "4642567" "5005185" "5099243" "5216691" "5218619" "5237586" "5255292" "5295153" "5406586" "5422909" "5425049" "5440583" "5572552" "5615209" "5689528" "5848096" "5903597" "5920287" "5982810").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/04/14 10:17
S23 4	634	(cascaded same coefficients)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 10:35
S23 5	208	(cascaded same coefficients) same filters	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 10:31
S23 6	4	(cascaded same filterbank)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 10:35
S23 7	3	("5732189").URPN.	USPAT	OR	OFF	2005/04/14 11:03
S23 8	3	(cochlea or cochlear) near2 modeling and filters	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/14 11:03
S23 9	51	("5027410").URPN.	USPAT	OR	OFF	2005/04/14 11:22
S24 0	1	shares adj3 filter adj3 coefficient	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/14 11:25
S24 1	3	shares adj3 filter adj3 coefficients	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/04/14 11:28
S24 2	0	(cascaded adj2 filterbank) same octave	USPAT	OR	OFF	2005/04/14 11:34
S24 3	0	(cascaded adj2 filterbanks) same octaves	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/14 11:34
S24 4	0	(cascaded near3 filterbanks) same octaves	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/14 11:35
S24 5	0	(cascaded near3 filterbanks) same octaves	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/14 11:35

S24 6	0	(plural near3 filterbanks) same octaves	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/14 11:35
S24 7	0	(many or multiple) near3 filterbanks same octaves	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/14 11:36
S24 8	7	(many or multiple) near3 filterbanks	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/14 11:36
S24 9	2	ghitza.in. and filter	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/04/14 15:37
S25 0	19	("4905285").URPN.	USPAT	OR	OFF	2005/04/14 15:38
S25 1	11	("5377302").URPN.	USPAT	OR	OFF	2005/04/14 15:41
S25 2	3733	coefficient near3 ("13" or "12" adj2 bits)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/15 07:29
S25 3	11	coefficient near3 ("13" adj2 bits)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/15 07:30
S25 4	48	coefficient near3 ("12" adj2 bits)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/04/15 07:31
S25 5	0	(filters) same ("10" adj2 octaves) same "60"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/03 12:08
S25 6	0	(filters) same ("10" adj2 octaves)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/03 12:08
S25 7	28	("10" adj2 octaves)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2005/10/03 12:08